

Converting Colors

Decimal(12813561)

Have a look what the booklet for
Decimal(12813561) contains.

Decimal(12813561)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(12813561)

Conversions

Conversions Part 1

Format	Color
Hex	C384F9
RGB	195, 132, 249
RGB Percent	76%, 52%, 98%
CMY	0.2353, 0.4824, 0.0235
CMYK	0.22, 0.47, 0.00, 0.02
HSL	272°, 91%, 75%
HSV	272°, 47%, 98%
XYZ	47.8558, 34.9442, 93.8452
YIQ	164.1750, -0.0090, 49.7430

Conversions

Conversions Part 2

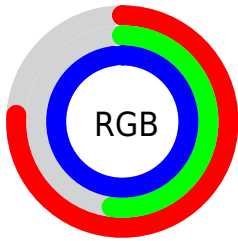
Format	Color
RYB	195, 132, 249
Decimal	12813561
CIELab	65.71, 45.60, -49.46
CIELCh	66, 67.271, 312.671
Yxy	34.9442, 0.2709, 0.1978
Android (android.graphics.Color)	4291003641 (0xFFC384F9)
YUV	164.1750, 41.8187, 27.0335
Hunter-Lab	59.1136, 41.0571, -52.7457

Details

The Decimal color **12813561** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **12253572**, and the grayscale version is **10790052**.

A 20% lighter version of the original color is **16628479**, and **9130176** is the 20% darker color. If you saturate the color by 10%, you get **12086265**, and if you desaturate by 10%, it is **13540857**.

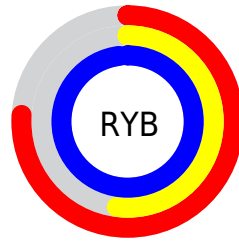
Distribution



Red (76%)

Green (52%)

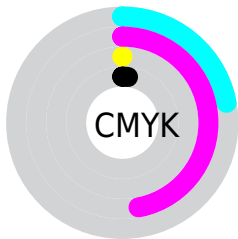
Blue (98%)



Red (76%)

Yellow (52%)

Blue (98%)

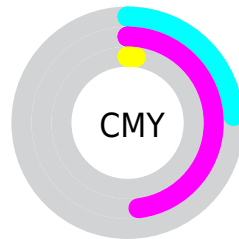


Cyan (22%)

Magenta (47%)

Yellow (0%)

Black (2%)



Cyan (24%)

Magenta (48%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12813561 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 12813561 by changing the saturation by 10% instead.

 12813561

 12813561

16777215

 10971868

 16628479

 9130176

 16766975

 7288740

 16774143

 5512842

 3735664

 1900631

 63

 807

 273

■ 12813561

■ 12813561

■ 12086265

■ 13540857

■ 11293433

■ 14333689

■ 10566137

■ 15060985

■ 9773305

■ 15853817

■ 9046265

■ 16580601

■ 8782073

■ 16777209

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



5349119



12813561



16411589

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12813561



14323745



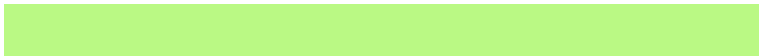
48312

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



12813561



12253572

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



47737



12813561



10921234

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



12813561



16742224



6468160



47600

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



12813561



16737437



6468160



48291

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



12813561



15719423



8698873



7694976



0



8421504

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



12813561



12415231



16352501



7827581



6684861



2162749

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



16352442



16740530



8714632



8220790



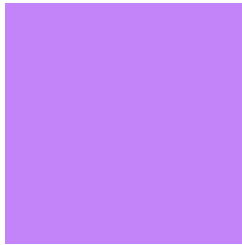
12386391



3997724

Previews

White Background



This preview shows how the Decimal color 12813561 looks on a white background.

Color Contrast Check

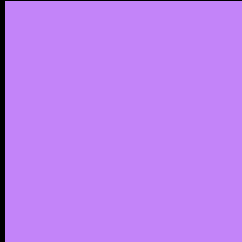
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 12813561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

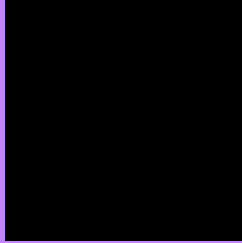
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 12813561 Background



This preview shows how black text looks on a background with the Decimal color 12813561.



This preview shows how white text looks on a background with the Decimal color 12813561.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
11901092

Trichromacy



Original Color
12813561



Protanomaly
9737469



Deuteranomaly
9672182



Tritanomaly
12227011

Monochromacy



Original Color
12813561



Achromatopsia
10790052



Achromatomaly
11507907

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12813561 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #C384F9 looks like.

```
.text, #text, p{  
    color:#C384F9  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #C384F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C384F9
}
```

Border

The CSS property to change the border of an element to Decimal 12813561 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C384F9 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#C384F9 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #C384F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C384F9; -webkit-box-shadow:4px 4px  
4px 4px #C384F9; box-shadow:4px 4px 4px  
4px #C384F9 }
```

Background

The CSS property to change the background color of an element to Decimal 12813561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C384F9 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#C384F9 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor